

IN THE CLAIMS:

1-2. (Canceled)

3. (Currently Amended) A connector as defined in ~~claim 1~~, claim 20, wherein each terminal includes a terminal base wall, a first terminal portion extending from said terminal base wall and a second terminal portion extending from said terminal base wall in the same direction, said first and second terminal portions being positioned within said first slot portions of a respective slot, said terminal base wall being positioned within said second slot portions of a respective slot.

4. (Original) A connector as defined in claim 3, wherein said housing further includes a housing central wall provided between said first and second housing base walls such that a first aperture is provided between said housing central wall and said first housing base wall and a second aperture is provided between said housing central wall and second housing base wall, said first terminal portion being positioned within a respective first aperture and said second terminal portion being positioned within a respective second aperture.

5. (Previously Presented) A connector as defined in claim 4, wherein each said terminal further includes means for connecting said terminal to an associated printed circuit board, said second terminal portion extending beyond ends of said second rib portions.

6. (Previously Presented) A connector as defined in claim 4, wherein each terminal further includes means for connecting said terminal to said housing.

7. (Previously Presented) A connector as defined in claim 4, wherein each terminal further includes an enlarged head on said first terminal portion and an enlarged head on said second terminal portion.

8. (Original) A connector as defined in claim 4, wherein said first aperture is wider than a width of said first terminal portion such that air can flow through said aperture, and

wherein said second aperture is wider than a width of said second terminal portion such that air can flow through said aperture.

9. (Previously Presented) A connector as defined in claim 8, wherein two terminals are provided between respective pairs adjacent ribs and said first aperture is wider than a width of said two terminals such that air can flow through said aperture, and wherein said second aperture is wider than a width of said two terminals such that air can flow through said aperture.

10. (Currently Amended) A connector as defined in ~~claim 1~~, claim 20, wherein said housing includes a central wall and said first housing base wall and said second housing base wall are connected to said housing central wall, said first housing base wall, said housing central wall and said second housing base wall being spaced apart from each other such that a first aperture is provided between said housing central wall and said first housing base wall and a second aperture is provided between said housing central wall and second housing base wall, each terminal being positioned within said apertures such that ~~an additional~~ a surface area of each terminal is exposed to the environment and air can flow over said surface area to dissipate heat from each terminal.

11. (Currently Amended) A connector as defined in claim 10, wherein two terminals are provided ~~between adjacent ribs~~ within said apertures.

12. (Currently Amended) A connector as defined in claim 10, wherein each ~~said~~ terminal includes a terminal base wall, a first terminal portion extending from said terminal base wall and a second terminal portion extending from said terminal base wall in the same direction, said first terminal portion being positioned within said first aperture and a respective slot, said second terminal portion being positioned within said second aperture and a respective slot, said terminal base walls being positioned within a respective slot.

13. (Original) A connector as defined in claim 12, wherein said first aperture is wider than a width of said first terminal portion such that air can flow through said aperture, and

wherein said second aperture is wider than a width of said second terminal portion such that air can flow through said aperture.

14. (Currently Amended) A connector as defined in claim 12, wherein two terminals are provided ~~between adjacent ribs~~ within said aperture.

15. (Currently Amended) A connector as defined in claim 1, wherein two terminals are provided ~~between adjacent ribs~~ within said aperture.

16. (Currently Amended) A connector as defined in claim 15, wherein said two terminals provided ~~between adjacent ribs~~ within said aperture have the same polarity.

17-21. (Canceled)

22. (Currently Amended) A connector ~~as defined in claim 20, further including~~ comprising:

a housing including a first housing base wall and a second housing base wall connected to said first housing wall and spaced therefrom, said first housing base wall having an inner side, an outer, opposite side, a top side and a bottom side, said second housing base wall having an inner side, an outer, opposite side, a top side and a bottom side, said inner side of said first housing base wall facing said inner side of said second housing base wall, a plurality of first top rib portions extending from said top wall of said first housing base wall and spaced apart from each other such that a first top slot portion is defined between adjacent first top rib portions, said first top slot portion being open to the outer side of said first housing base wall, a plurality of second top rib portions extending from said top wall of said second housing base wall and spaced apart from each other such that a second top slot portion is defined between adjacent second top rib portions, said second top slot portion being open to the outer side of said second housing base wall;

a plurality of first bottom rib portions extending from said bottom wall of said first housing base wall and spaced apart from each other such that a first bottom slot portion is defined between adjacent first bottom rib portions, said first bottom slot portion being open to

the outer side of said first housing base wall, a plurality of second bottom rib portions extending from said bottom wall of said second housing base wall and spaced apart from each other such that a second bottom slot portion is defined between adjacent second bottom rib portions, said second bottom slot portion being open to the outer side of said second housing base wall;

adjacent ones of said first top slot portion, said second top slot portion, said first bottom slot portion and said second bottom slot portion forming a slot such that a plurality of slots are formed; and

a terminal positioned within each of said slots and connected to said housing.